

CLAIM AMENDMENTS

1.-10. (Cancelled)

11. (Currently Amended) A method comprising:
providing an indication of a first supply voltage level to be furnished to a supply voltage terminal in response to receiving power from the terminal; ~~and~~
validating the indication; and
in response to the validation of the indication, establishing a voltage of the terminal substantially at the first supply voltage level.

12. (Original) The method of claim 11, wherein the providing comprises:
providing the indication in response to a second supply voltage level being furnished to the terminal, the second supply voltage level being independent from the indication.

13. (Original) The method of claim 12, wherein the second supply voltage level comprises a relatively constant supply voltage level.

14. (Original) The method of claim 11, where the indication is associated with a first circuit, the method further comprising:
furnishing the first voltage supply level from the terminal to another circuit separate from the first circuit.

15. (Cancelled)
16. (Original) The method of claim 11, wherein the electronic device comprises a central processing unit device.
17. (Original) The method of claim 11, wherein the indication represents a voltage identification number.
18. (Currently Amended) A system comprising:
an electronic device including an external supply voltage terminal, the electronic device providing an indication of a first supply voltage level to be furnished to the terminal in response to receiving power from the terminal; and
a voltage regulator to provide power to the electronic device through the terminal to cause the electronic device to provide the indication and regulate a voltage of the terminal substantially at the first supply voltage level in response to ~~the electronic device providing~~ validation of the indication.
19. (Previously Presented) The system of claim 18, wherein
the voltage regulator regulates the voltage of the terminal substantially at a second voltage level independent from the first voltage level to cause the electronic device to provide the indication.
20. (Original) The system of claim 18, wherein the second supply voltage level comprises a relatively constant supply voltage level.
21. (Cancelled)
22. (Original) The system of claim 18, wherein the electronic device comprises a central processing unit device.

23. (Original) The system of claim 18, wherein the indication represents a voltage identification number.

24. (Currently Amended) A voltage regulator comprising:
voltage regulation circuitry to provide an output voltage in response to a reference voltage to power an electronic device; and
a circuit to set the reference voltage to a first level to cause the voltage regulation circuitry to regulate the output voltage substantially at a predetermined output voltage level, ~~and in response to validate~~ an indication of a supply voltage level furnished by the electronic device, and in response to the validation, set the reference voltage substantially at a second supply voltage level to cause the voltage regulation circuitry to regulate the output voltage substantially at the supply voltage level indicated by the electronic device.

25. (Original) The voltage regulator of claim 24, wherein the second supply voltage level comprises a relatively constant supply voltage level.

26. (Previously Presented) The voltage regulator of claim 24, wherein the electronic device furnishes the indication in response to the output voltage being regulated substantially at the predetermined output voltage level.

27. (Original) The voltage regulator of claim 24, wherein the indication represents a voltage identification number and the electronic device comprises a central processing unit.

28. (New) The method of claim 11, wherein the validating comprises:
determining whether the indication indicates an initialization value for the indication not indicative of the first supply voltage level.

29. (New) The system of claim 18, wherein the voltage regulator validates the indication by comparing the indication to an initialization value for the indication.

30. (New) The voltage regulator of claim 24, wherein the circuit validates the indication by comparing the indication to an initialization value for the indication.